



February 4, 2020

Board of Public Works & Safety
City of Lafayette
20 North 6th Street
Lafayette, IN 47901

Dear Board Members:

Lafayette Renew is submitting an Operator Training Contract for your approval. The Operator Training is an annual course conducted for department employees to obtain the Continuing Education Credits needed to maintain current certifications, and to assist employees to prepare for the upcoming certification exams.

The training will be conducted April 6th, 7th, 8th, and 9th, 2020. The training will be held at the Lafayette Renew conference room. Wastewater Solutions, Inc. will conduct the training for a lump sum of \$19,600 which will include all student materials.

Respectfully,

Brad W. Talley
Superintendent
Lafayette Renew



Training Topics

Course Title: Lafayette Renew 2020 Process Training

For each of the plant processes and major support equipment:

Day 1 (4 Hours) Plant Processes Overview (Function)

- Influent Flow Control
- Headworks
- Primary Treatment
 - Brief Optimization Discussion
- Secondary
- Disinfection
- Chemical Phosphorus Removal
- Digestion
- Solids Handling

Day 2 (4 Hours) Activated Sludge Process Control

- Respiration
- Growth Pressures
 - High Flow Treatment
 - Low Loading Periods
- WAS and RAS systems
- Statepoint and RAS Optimization
- Nitrification and Denitrification

Day 3 (2 Hours) Activated Sludge Troubleshooting

- High TSS
- High BOD
- High Ammonia
- High Phosphorus
- Slime Bulking
- What causes quick changes and what causes gradual

Day 3 (2 Hours) Selector Activated Sludge

- Purpose
- Performance
- Design and Control Factors

Day 4 (4 Hours) Anaerobic Digestion / Solids Handling / Energy Production

- Anaerobic Digestion Components
- Microbiology
- Troubleshooting
 - Foaming Issues
 - Reduced Gas Production
 - Poor VSS Reduction

LOCATION and CEUs

The training will be held in facilities provided Lafayette Renew. Lafayette Renew will furnish a whiteboard and markers. Wastewater Solutions will provide up to 25 copies of the student manuals. WSI will apply to IDEM for CEU's for the workshop. The CEU's shall be of the "technical" category.

TRAINING DATES

The training will be conducted in April 6th, 7th, 8th, and 9th, 2020. The training dates can be changed by mutual written agreement.

BASIS OF COMPENSATION

Total lump sum compensation for the training project will be \$19,600.

Compensation includes all preparation and travel time, onsite labor, student materials, and all other direct costs. Compensation is payable after completion of the training.

ACCEPTANCE

To accept this proposal, please sign and date two copies and return one copy to Wastewater Solutions, Inc. within thirty days. We look forward to the opportunity to perform the work for you.

Respectfully,

WASTEWATER SOLUTIONS, INC

Jon B. Musick

Jon B. Musick
President
(Electronic signature #77-9102)

Wastewater Solutions, Inc.
EIN: 83-0351175

Approved by the Board of Public Works and Safety on the _____ day of
_____, 2020.

President

Member

Member

Member

Member

ATTEST:

Clerk

Date: _____